



Shree Santkrupa Shikshan Sanstha's

**SHREE SANTKRUPA COLLEGE OF PHARMACY**

Ghogaon (Shivajinagar), Tal: Karad, Dist: Satara, (Maharashtra State) Pin-415111  
 Ph : (02164) 257374 | Email : principalsntk@rediffmail.com | Web : www.sscop.org

**1.2 Academic Flexibility**

**1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)**

**b. List Institutional Programme Broacher/Notice for Certificate/Value Added Programme with Course Module & Outcome**

**INDEX**

Sr. No.	Certificate of Certificate/Value-Added Course	Page No
<b>Academic Year 2022-23</b>		
1.	Inspection and Quality Control in Manufacturing NPTEL Online Certification course	3-4
2.	Patent Drafting for Beginners	5-7
3.	Personality Development	8-12
4.	Techniques of Extraction & Separation fractionation isolation of Phytopharmaceuticals	13-16
5.	Preparation & Evaluation of Herbal Cosmetics	17-20
<b>Academic Year 2021-22</b>		
1.	Five Days Workshop on Demonstration and Hands-on Training program of Pharmaceutical Equipment's	21-25
2.	Employability Skills under Life Skills Program organised by Rubicon	26-29
3.	Stress Management	30-33
4.	Herbarium Preparation	34-36
5.	Tablet Manufacturing Technology	37-40
6.	Computer Applications in Pharmacy	41-44
7.	Intellectual Property Awareness/ Training Program	-
8.	Clinical Trial Analysis and Reporting	-
<b>Academic Year 2020-21</b>		
1.	Demonstration on Preparation of Nutraceuticals	45-48

2.	Literature Review	49-52
3.	Statistical Analysis using Software	53-56
4.	CliMed Summer School	-
5.	Exclusive Training Course in Clinical Trials and ICH GCP	-
<b>Academic Year 2019-20</b>		
1.	Communication Skill	57-60
2.	Techniques of Section Cutting, Preparation of Sample & Microscopic Evaluation of Crude Drugs	61-64
3.	Yoga & Meditation	65-68
4.	Introduction to Artificial Intelligence	-
5.	Introduction to Soft Skills	-
6.	Interview Skills	-
7.	Career Skills	-
8.	Career Edge - Knockdown the Lockdown	-
9.	Communication Skills	-
10.	Training on Digital Marketing	-
11.	Clinical Trial Data Analysis	-
<b>Academic Year 2018-19</b>		
1.	Soft Skill Development Programme	69- 72
2.	Identification of Medicinal Plants	73- 76
3.	Methodology of Research & Statistical Techniques	77-80

## Academic Year 2022-23

### 1. Inspection and Quality Control in Manufacturing NPTEL Online Certification course:

#### Notice:

Regd. No. MH/4775/Satara DTE Code : 6394, MSBTE Code : 2144

Shree Santkrupa Shikshan Sanstha's  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**  
Ghogaon (Shivajinagar), Tal: Karad, Dist: Satara, (Maharashtra State) Pin-415111  
Ph : (02164) 257374 | Email : principalsntk@rediffmail.com | Web : www.sscop.org

Dr. Usha A. Johari President  
Mr. Prasun Johari Secretary  
Dr. V. R. Aralelimath Principal

Monday, January 02, 2023


**Notice**

All the students of Final Year B. Pharm. are hereby informed that the Free Online Education SWAYAM portal has organized NPTEL Online Certification course on **"Inspection and Quality Control in Manufacturing"**; so all of you are hereby directed to register for it.


The details of the program are as below:

<b>Topic</b>	: Inspection and Quality Control in Manufacturing- NPTEL Online Certification course
<b>Name of Faculty Trainer</b>	: Dr. Kaushik Pal
<b>Duration</b>	: 4 weeks, 23 Jan 2023 to 17 Feb 2023
<b>Enrollment End Date</b>	: 06 Feb 2023
<b>Exam Date</b>	: 26 Mar 2023 IST
<b>College</b>	SWAYAM : Dr. J. S. Mulla
<b>Coordinator</b>	

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact SWAYAM Course Coordinator of the college at earliest.

  
Santkrupa  
IQAC Co-ordinator  
Shree Santkrupa College of Pharmacy, Ghogaon

Approved by AICTE, PCI, New Delhi. Reco. by Govt. of Maharashtra & Affiliated to Shivaji University, Kolhapur, MSBTE Mumbai

  
Principal  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



### “Certificate Course on Inspection and Quality Control in Manufacturing by SWAYAM”

SWAYAM is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.

#### About the course:

In manufacturing, quality control is a process that ensures customers receive products free from defects and meet their requirements. Inspection and measurement is needed during production for quality control because of the inherent variability introduced by the machines, tools, raw materials, and human operators which causes variations in the different quality characteristics (length, diameter, thickness, tensile strength, surface finish etc.) of the product. Inspection and testing is very important in maintaining a certain quality level in the product during production. It helps to control the quality of products by fixing the sources of defects immediately after they are detected. Several non-destructive inspection methods also help to perform in-service inspection to avoid any catastrophic failure and predict the remaining life of the product.

#### Course syllabus:

- Introduction, Fundamental Concept of Quality, Role of Inspection and Measurement for Quality Control in Manufacturing, Need of Inspection, Inspection types and Principles, Design for Inspection, Destructive Inspection, Testing of Composite Materials
- Non-destructive Inspection-I: Visual Inspection, Dye Penetrant Inspection, Magnetic Particle Inspection, Eddy Current Inspection, Ultrasonic Testing
- Non-destructive Inspection-II: Acoustic Emission Inspection, Radiography, Leak Testing, Thermographic Non-destructive Testing, Advanced Non-destructive Techniques, NDT Standards, Safety in NDT
- Engineering Metrology: Linear Measurement, Angular Measurement, Measurement of Surface Finish, Screw Thread Metrology, Gear Measurement, Miscellaneous Measurements.



*Suresh*  
IQAC Co-ordinator  
Shree Santkrupa College of Pharmacy, Ghogaon

*Ramling G. Patrakar*

**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## 2. Patent Drafting for Beginners:

### Notice:

Regd. No. MH/4775/Satara DTE Code : 6394, MSBTE Code : 2144

Shree Santkrupa Shikshan Sanstha's  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**

Ghogaon (Shivajinagar), Tal: Karad, Dist: Satara, (Maharashtra State) Pin-415111  
Ph : (02164) 257374 | Email : principalsntk@rediffmail.com | Web : www.sscop.org

Dr. Usha A. Johari President  
Mr. Prasun Johari Secretary  
Dr. V. R. Aralelimath Principal

Monday, March 06, 2023


**Notice**

All the students of M. Pharm First Year (SEM-I) and Second Year (SEM-III) are hereby informed that the college has organized certificate program on Patent Drafting for Beginners; so all of you are hereby directed to register for it. The details of the program are as below:

Topic	:	Patent Drafting for Beginners
Name of Faculty Trainer	:	Mr. Sachin Lokapure
Name of Faculty Co-ordinator	:	Dr. J. S. Mulla
Duration	:	12/03/2023 to 04/04/2023

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.

  
IQAC Co-ordinator  
Shree Santkrupa College of Pharmacy, Ghogaon

  
Principal  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

Approved by AICTE, PCI, New Delhi, Reco. by Govt. of Maharashtra & Affiliated to Shivaji University, Kolhapur, MSBTE Mumbai

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



**Course Title:** Patent Drafting for Beginners

**Course Objectives:** Upon completion of the course, students shall be able to:

1. Empower beginners lacking any previous expertise on patent drafting to draft patent specifications independently.
2. Understand the fundamental principles of patent drafting.
3. Grasp concepts in patent law within the context of patent drafting.
4. Recognize specific requirements as per patent laws to draft patents.
5. Familiarize them with techno-legal documents produced at the intersection of science and law.

**Syllabus Content:**

**Unit I: Invention as a Solution to an Unsolved Problem (7 Hours)**

- Understanding the concept of invention.
- Identifying and defining unsolved problems.
- Linking inventions to problem-solving.

**Unit II: Drafting a Claim (8 Hours)**

- Introduction to patent claims.
- Components of a patent claim.
- Techniques for drafting clear and concise claims.
- Practical exercises in drafting claims.

**Unit III: Types and Arrangement of Claims (7 Hours)**

- Different types of claims (e.g., method claims, apparatus claims).
- Strategic arrangement of claims in a patent application.
- Relationship between independent and dependent claims.

**Unit IV: Structure of the Patent Specification (8 Hours)**

- Overview of a patent specification.
- Components of a patent specification (e.g., title, abstract, background, detailed description, drawings).
- Guidelines for drafting a comprehensive and effective patent specification.

**Recommended Resources:**

- Patent laws and guidelines.
- Case studies illustrating successful patent drafting.
- Sample patents for analysis and understanding.

**Note:** The course structure is subject to adjustments based on the pace of the class and any emerging topics or changes in patent law.



*Surb*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Course Outcome:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
"Patent Drafting for Beginners"



### Course outcomes: Patent Drafting for Beginners

1. Understand the basic principles of patent law and its importance in the pharmaceutical industry.
2. Identify patentable subject matter and distinguish between different types of patents.
3. Develop skills in drafting patent applications, including claims, specifications, and drawings.
4. Learn about the patent filing process, including requirements and deadlines.
5. Gain an understanding of patent prosecution, including responding to office actions and amendments.



*Sunil*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon





*Ramling G. Patrakar*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

### 3. Personality Development

#### Notice:

Regd. No. MH/4775/Satara DTE Code : 6394, MSBTE Code : 2144

 **SHREE SANTKRUPA COLLEGE OF PHARMACY** 

Shree Santkrupa Shikshan Sanstha's  
Ghogaon (Shivajinagar), Tal: Karad, Dist: Satara, (Maharashtra State) Pin-415111  
Ph : (02164) 257374 Email : principalsntk@rediffmail.com Web : www.sscop.org

**Dr. Usha A. Johari** President  
**Mr. Prasun Johari** Secretary  
**Dr. V. R. Aratelimath** Principal

Monday, June 12, 2023


**Notice**


All the students of First Year B. Pharm SEM-II are hereby informed that the college has organised Certificate Program on “**Personality Development**” by **Mr. Rahul Londhe**; so all of you are hereby directed to register for it.

The details of the program are as below:

**Topic** : Personality Development  
**Name of Trainer** : Mr. Rahul Londhe  
**Name of Faculty Co-ordinator** : Ms. Gayatri B. Suryawanshi  
**Duration** : 17/06/2023 to 22/07/2023

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.

  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon

  
**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

Approved by AICTE, PCI, New Delhi, Reco. by Govt. of Maharashtra & Affiliated to Shivaji University, Kolhapur, MSBTE Mumbai



## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



**Course Title:** Personality Development

**Course Objectives:** Upon completion of the course, students shall be able to:

1. **Understand the Basics of Personality Development:**
  - Define and comprehend the concept of personality development.
  - Identify the role of interpersonal and professional interactions in shaping personality.
  - Explore strategies for complete personality development.
2. **Recognize the Importance of Personality Development:**
  - Analyze the significance of personality development in personal and professional life.
  - Evaluate the impact of a well-developed personality on various aspects of life.
3. **Incorporate Positive Characteristics:**
  - Develop an understanding of positive character traits.
  - Practice and demonstrate traits such as punctuality, flexibility, eagerness to learn, friendliness, and providing support to others.
  - Discuss real-world scenarios where these traits can be applied for personal and professional growth.
4. **Apply Positive Practices in Professional Settings:**
  - Explore the practical application of positive characteristics in the workplace.
  - Develop strategies for maintaining a positive and constructive mindset in professional interactions.
  - Discuss case studies and examples of individuals who have successfully applied positive practices for career advancement.
5. **Quantifiable Learning Outcomes:**
  - Create quantifiable statements outlining the knowledge and skills acquired by students upon completing the program.



**Principal**

Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

- Develop measurable criteria for assessing the effectiveness of the personality development course.
- Establish a framework for self-assessment and continuous improvement in personality development.

**Syllabus Content:**

**1. Introduction to Personality Development**

- Definition and scope
- Importance in personal and professional life

**2. Self-awareness and Self-Reflection**

- Understanding one's strengths and weaknesses
- Reflecting on personal values and beliefs

**3. Communication Skills**

- Verbal and non-verbal communication
- Active listening and effective speaking

**4. Time Management**

- Importance of punctuality
- Techniques for effective time management

**5. Emotional Intelligence**

- Recognizing and managing emotions
- Building empathy and social skills

**6. Goal Setting and Planning**

- Setting SMART goals
- Creating action plans for personal development

**7. Stress Management**

- Identifying stressors
- Coping mechanisms and relaxation techniques

**8. Building Confidence and Self-esteem**

- Techniques for building confidence
- Embracing and appreciating oneself

**9. Interpersonal Skills**

- Developing positive relationships
- Conflict resolution and teamwork

**10. Adaptability and Flexibility**



*(Handwritten signature)*

**Principal**

**Dr. Ramling G. Patrakar**  
 Shree Santkrupa College of Pharmacy  
 Ghogaon, Tal. Karad, Dist. Satara

- Cultivating a flexible mindset
  - Dealing with change and uncertainty
- 11. Continuous Learning and Development**
- Importance of a growth mindset
  - Strategies for continuous learning
- 12. Positive Attitude**
- Cultivating a positive outlook
  - Overcoming negativity and setbacks
- 13. Networking and Relationship Building**
- Building professional networks
  - Effective networking strategies
- 14. Personal Branding**
- Identifying and showcasing strengths
  - Creating a positive personal brand
- 15. Final Project and Presentation**
- Applying learned skills to a real-life scenario
  - Presenting personal development journey

Each topic is allocated 2 hours for in-depth exploration and interactive learning. The course is designed to provide a comprehensive understanding of Personality Development, equipping students with practical skills for personal and professional growth.



*Suresh*  
**IQAC Co-ordinator**  
 Shree Santkrupa College of Pharmacy, Ghogaon



*[Signature]*  
**Principal**  
 Dr. Ramling G. Patrakar  
 Shree Santkrupa College of Pharmacy  
 Ghogaon, Tal. Karad, Dist. Satara

**Course outcome:**



**Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
"Personality Development"**



**Course Outcomes: Personality Development**

"This course aims to enhance students' interpersonal and communication skills, boost their confidence, and cultivate a positive attitude. Students will develop a better understanding of their strengths and weaknesses, improve their presentation skills, and learn effective ways to manage stress and time. By the end of the course, students will be better equipped to navigate professional environments and achieve personal growth."



*Sunil*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



*Ramling G. Patrakar*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

#### 4. Techniques of Extraction & Separation fractionation isolation of Phytopharmaceuticals

##### Notice

Regd. No. MH/4775/Satara DTE Code : 6394, MSBTE Code : 2144

Shree Santkrupa Shikshan Sanstha's  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**

Ghogaon (Shivajinagar), Tal: Karad, Dist: Satara, (Maharashtra State) Pin-415111  
Ph : (02164) 257374 Email : principalsntk@rediffmail.com Web : www.sscop.org

Dr. Usha A. Johari President  
Mr. Prasun Johari Secretary  
Dr. V. R. Aralelimath Principal

Tuesday, November 01, 2022

**Notice**


All the students of Third Year B. Pharm SEM-V are hereby informed that the college has organised “Techniques of Extraction, Separation, Fractionation, and Isolation of Phytopharmaceuticals” Certificate Program; so all of you are hereby directed to register for it.

The details of the program are as below:

<b>Topic</b>	: Techniques of Extraction, Separation, Fractionation, and Isolation of Phytopharmaceuticals
<b>Name of Trainer</b>	: Dr. R. G. Patrakar, Ms. G. B. Suryawanshi
<b>Name of Faculty Co-ordinator</b>	: Dr. R. G. Patrakar, Ms. G. B. Suryawanshi
<b>Duration</b>	: 05/11/2022 to 27/11/2022

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.

  
IQAC Co-ordinator  
Shree Santkrupa College of Pharmacy, Ghogaon

  
Principal  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal: Karad, Dist: Satara

Approved by AICTE, PCI, New Delhi, Reco. by Govt. of Maharashtra & Affiliated to Shivaji University, Kolhapur, MSBTE Mumbai

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



### Course Title: Training program on techniques of Extraction, Separation, Fractionation, and Isolation of Phyto-Pharmaceuticals.

This course on the techniques of extraction, separation, fractionation, and isolation of phyto-pharmaceuticals covers a comprehensive range of topics. The syllabus is well-structured, providing both theoretical knowledge and practical applications. Here's a breakdown of the course content:

#### Course Objectives

Upon completion of the course, students should be able to:

1. Understand various techniques of extraction.
2. Comprehend various separation techniques such as TLC and Column Chromatography.
3. Familiarize themselves with different methods of fractionation for active phytoconstituents.
4. Understand the working principles of various analytical instruments including UV, IR, Mass, and HPLC.

#### Syllabus content:

##### Unit I: Extraction Techniques (10 Hours)

1. Introduction to Extraction
  - Definition and importance of extraction.
  - Overview of different extraction methods.
2. Methods of Extraction
  1. Soxhlet Extraction
    - Principle and procedure.
    - Applications in phyto-pharmaceuticals.
  2. Maceration
    - Understanding the maceration process.
    - Advantages and limitations.
  3. Microwave-Assisted Extraction
    - Principles of microwave extraction.
    - Comparative analysis with traditional methods.



**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

4. Ultrasound-Assisted Extraction
  - Exploring ultrasound-assisted extraction.
  - Applications and benefits.

#### **Unit II: Fractionation, Separation, and Isolation (10 Hours)**

1. Introduction to Fractionation, Separation, and Isolation
  - Significance in phyto-pharmaceuticals.
2. Methods of Separation
  1. Paper Chromatography
    - Principles and application in phyto-pharmaceutical analysis.
    - Hands-on practice.
  2. Thin Layer Chromatography (TLC)
    - Understanding TLC as a separation technique.
    - Practical considerations.
  3. High-Performance Liquid Chromatography (HPLC)
    - Basics of HPLC.
    - Applications in pharmaceutical analysis.

#### **Unit III: Characterization Techniques (10 Hours)**

##### Introduction to Characterization

- Significance in identifying and understanding phytoconstituents.

##### Methods of Characterization


1. UV Spectroscopy
  - Determining  $\lambda$  max values.
  - Practical applications in compound analysis.
2. IR Spectroscopy
  - Identifying functional groups.
  - Analyzing spectral data.
3. Mass Spectrometry (Mass)
  - Determining molecular weights.
  - Understanding fragmentation patterns.
4. Nuclear Magnetic Resonance (NMR) Spectroscopy
  - Analyzing protons and carbon atoms.
  - Interpretation of NMR spectra.

This course seems well-rounded, providing a solid foundation for individuals interested in the extraction and analysis of phyto-pharmaceuticals. The inclusion of practical aspects and hands-on experiences enhances the learning process.



*Sunil*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Course Outcomes:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



### Course Outcomes:

#### Techniques of Extraction & Separation fractionation isolation of Phytopharmaceuticals

By the end of the course on Techniques of Extraction & Separation Fractionation Isolation of Phytopharmaceuticals at Shree Santkrupa College of Pharmacy, Ghogaon, students will be proficient in various extraction techniques, including maceration, percolation, and Soxhlet extraction. They will also be able to perform separation and isolation processes using chromatographic techniques such as TLC, HPLC, and column chromatography. Additionally, students will gain practical skills in the fractionation and isolation of bioactive compounds from medicinal plants, preparing them for careers in pharmaceutical research and development.



*Suresh*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon





*Ramling G. Patrakar*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



## 5. Preparation & Evaluation of Herbal Cosmetics

### Notice:

Regd. No. MH/4775/Satara DTE Code : 6394, MSBTE Code : 2144

 **Shree Santkrupa Shikshan Sanstha's**  
**SHREE SANTKRUPA COLLEGE OF PHARMACY** 

Ghogaon (Shivajinagar), Tal: Karad, Dist: Satara, (Maharashtra State) Pin-415111  
Ph : (02164) 257374 | Email : principalsntk@rediffmail.com | Web : www.sscop.org

**Dr. Usha A. Johari** President  
**Mr. Prasun Johari** Secretary  
**Dr. V. R. Aralelimath** Principal


Monday, April 10, 2023


**Notice**

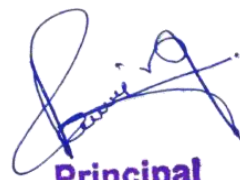
All the students of Final Year B. Pharm (SEM-VIII) Students are hereby informed that the college has organised Preparation & Evaluation of Herbal Cosmetics certificate program; so all of you are hereby directed to register for it. The details of the program are as below:


**Topic** : Preparation and Evaluation of Herbal Cosmetics  
**Name of Trainer** : Ms. Priyanka Thorat, Ms. Snehal Kank  
**Name of Faculty Co-ordinator** : Ms. Priyanka Thorat, Ms. Snehal Kank  
**Duration** : 14/04/2023 to 30/04/2023

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.

  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



  
**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



Approved by AICTE, PCI, New Delhi, Reco. by Govt. of Maharashtra & Affiliated to Shivaji University, Kolhapur, MSBTE Mumbai

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



### Course Title: Training Program on Preparation and Evaluation of Herbal Cosmetics

The Training Program on Preparation and Evaluation of Herbal Cosmetics aims to equip students with the necessary knowledge and skills related to the use of herbs in the preparation of cosmetics. The course is structured with specific objectives and syllabus content to ensure comprehensive coverage of relevant topics. Below is an overview of the course objectives and syllabus content:

#### A. Course objectives:

- 1. Understanding Herbs as Raw Materials:**
  - Define key terms such as herb, herbal medicine, herbal medicinal product, herbal drug preparation, and herbal cosmetics.
  - Evaluate the advantages and disadvantages of using herbs as raw materials.
  - Identify and explore various sources of herbs.
- 2. Selection, Identification, and Authentication of Herbal Materials:**
  - Acquire knowledge and skills in the proper selection, identification, and authentication of herbal materials.
  - Understand the importance of these processes in ensuring the quality and efficacy of herbal cosmetics.
- 3. Processing of Herbal Raw Material:**
  - Learn techniques and methods for processing herbal raw materials to enhance their effectiveness in cosmetics.
- 4. Objectives and 4P's of Herbal Cosmetics:**
  - Understand the specific objectives of cosmetic products.
  - Familiarize with the 4 P's (Product, Price, Place, and Promotion) of herbal cosmetics.
- 5. Evaluation of Drugs:**
  - Follow WHO & ICH guidelines for the assessment of herbal drugs.
  - Gain knowledge about stability testing of herbal drugs to ensure their quality over time.
- 6. Herbal Cosmetics as a Better Alternative:**



**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

- Recognize herbal cosmetics as a potential alternative with maximum efficacy.
- Understand the advantages of using herbal cosmetics over conventional products.

## **B. Syllabus content**

### **Unit I: Herbs as Raw Materials (6 Hours)**

- Definition of key terms.
- Advantages and disadvantages of using herbs.
- Exploration of various sources of herbs.

### **Unit II: Selection, Identification, and Authentication (6 Hours)**

- Techniques for selecting, identifying, and authenticating herbal materials.
- Importance of these processes in ensuring quality.

### **Unit III: Herbal Cosmetics (6 Hours)**

- Herbal Cosmetics:
  - Explanation of raw materials used in herbal cosmetics.
  - Types of materials used in skin care, hair care, and oral hygiene products.

### **Unit IV: Objectives and 4 P's of Herbal Cosmetics (6 Hours)**

- Objectives of cosmetic products.
- Understanding the 4 P's in the context of herbal cosmetics.

### **Unit V: Evaluation of Drugs (6 Hours)**

- Evaluation of Drugs:
  - WHO & ICH guidelines for assessing herbal drugs.
  - Stability testing of herbal drugs.

By the end of the course, students should be well-versed in the preparation and evaluation of herbal cosmetics, including understanding the sourcing, processing, and assessment of herbal materials, as well as the specific objectives and marketing aspects related to herbal cosmetics.



*Sun 60*  
**IQAC Co-ordinator**  
 Shree Santkrupa College of Pharmacy, Ghogaon

**Principal**  
**Dr. Ramling G. Patrakar**  
 Shree Santkrupa College of Pharma  
 Ghogaon, Tal. Karad, Dist. Satara

## Course Outcome:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
Preparation & Evaluation of Herbal Cosmetics



### Course Outcomes: Preparation & Evaluation of Herbal Cosmetics

"This course aims to equip students with the knowledge and skills necessary for the formulation, preparation, and evaluation of herbal cosmetics. Students will gain an understanding of the principles of herbal cosmetics, including sourcing of raw materials, formulation techniques, and evaluation methods. By the end of the course, students will be able to develop safe, effective, and marketable herbal cosmetic products, meeting industry standards and consumer needs."



*Santkrupa*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



*Dr. Ramling G. Patrakar*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Academic Year 2021-22

### 1. Five Days Workshop on Demonstration and Hands-on Training program of Pharmaceutical Equipment's

#### Notice

Regd. No. MH/4775/Satara DTE Code : 6394, MSBTE Code : 2144

Shree Santkrupa Shikshan Sanstha's

**SHREE SANTKRUPA COLLEGE OF PHARMACY**

Ghogaon (Shivajinagar), Tal: Karad, Dist: Satara, (Maharashtra State) Pin-415111  
Ph : (02164) 257374 | Email : principalsntk@rediffmail.com | Web : www.sscop.org

Dr. Usha A. Johari President  
Mr. Prasun Johari Secretary  
Dr. V. R. Aralelimath Principal

Tuesday, December 07, 2021

#### Notice

All the students of Final Year B. Pharm. are hereby informed that the college has organised "Five Days Workshop on Demonstration and Hands-on Training program of Pharmaceutical Equipment's" certificate program; so all of you are hereby directed to register for it. The details of the program are as below:

<b>Topic</b>	: Five Days Workshop on Demonstration and Hands-on Training program of Pharmaceutical Equipment's
<b>Name of Trainers</b>	: Dr. J. S. Mulla, Mr. A. M. Kadam, Ms. C. A. Jadhav, Ms. N. U. Rane, Mr. P. D. Lade, Ms. P. A. Thorat, Mrs. P. B. Chavan, Mr. R. G. Patrakar, and Mr. R. D. Vyavahare
<b>Name of Faculty Co-ordinator</b>	: Dr. J. S. Mulla
<b>Duration</b>	: 13 December, 2021 to 17 December, 2021

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.



*Meele*  
IQAC Co-ordinator  
Shree Santkrupa College of Pharmacy, Ghogaon



*Ramling G. Patrakar*  
Principal

Approved by AICTE, PCI, New Delhi, Reco. by Govt. of Maharashtra & Affiliated to Pimpri Chinchwad Education Trust, Kolhapur, MSBTE Mumbai

Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



*Organizes*

## **Five Days Workshop on Demonstration and Hands-on Training Program of Pharmaceutical Equipments**

**13<sup>th</sup> to 17<sup>th</sup> December 2021**

### **About College:**

Shree Santkrupa College of Pharmacy, Ghogaon, was established in 2004. The courses started with, B. Pharm (2004) followed by Diploma in Pharmacy (2006) and M. Pharm in Pharmaceutics (2011). The institution is affiliated to the Shivaji University, Kolhapur, Maharashtra. The D.Pharm, B.Pharm and M.Pharm courses run by the College are recognized by the Pharmacy Council of India, New Delhi, All India Council for Technical Education (AICTE), New Delhi, and Directorate of Technical Education (DTE), Maharashtra. The college is having Ph.D. Research Centre recognized by Shivaji University, Kolhapur.

### **About Program:**

Hands-on training is the acquisition of knowledge, skills and competencies needed in the workplace. Hands on training (also referred to as experiential learning) is learning by doing. This type of training is effective for teaching software applications, procedures and equipment, and also helps instructors immediately determine whether a student has adequately learned a new skill or process.

The program is divided into two parts. In first part, the principle and theoretical aspects along with construction, working and applications of the equipments were explained by expert teachers. The second part includes the demonstration and hands-on training of the equipments.

### **Objectives:**

- To provide hands-on training to students on pharmaceutical equipments and machineries.
- Initiation to bridge the experimental gap occurred during Covid-19 Pandemic.
- To encourage students to handle equipments confidently and appropriately.
- To inculcate competencies needed at the workplace.
- Overall skill development of students.



**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



**Who can participate?**  
Final B.Pharm Students

**E-Certificate**

E-Certificate will be provided to the participants who have successfully completed the workshop.

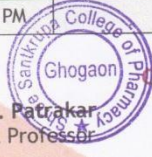
**SCHEDULE**

Day/Date	Time	Activity		
Day 1: Monday, 13/12/21	10:30 AM to 11:00 AM	Inaugural		
	11:00 AM to 12:30 PM	Presentations of theoretical aspects of equipments by experts		
	12:30 PM to 1:00PM	Lunch Break		
	Session/Time/Batch	Batch A	Batch B	Batch C
	Session 1: 1:00 PM to 2:30 PM	Dissolution Test Apparatus Mr. A. M. Kadam	Muffle Furnace Ms. C. A. Jadhav	Microscope Ms. N. U. Rane
Session 2: 2:30 PM to 4:00 PM	UV Spectrophotometer Mr. P. D. Lade	Microscope Ms. N. U. Rane	Laminar Air Flow Bench Ms. P. A. Thorat	
Day 2: Tuesday, 14/12/21	Session 1: 1:00 PM to 2:30 PM	Muffle Furnace Ms. C. A. Jadhav	Dissolution Test Apparatus Mr. A. M. Kadam	UV Spectrophotometer Mr. P. D. Lade
	Session 2: 2:30 PM to 4:00 PM	Microscope Ms. N. U. Rane	UV Spectrophotometer Mr. P. D. Lade	Brookfield Viscometer Mrs. P. B. Chavan
Day 3: Wednesday, 15/12/21	Session 1: 1:00 PM to 2:30 PM	Rotary Evaporator Mr. R. G. Patrakar	Laminar Air Flow Bench Ms. P. A. Thorat	Rotary Tablet Machine Dr. J. S. Mulla
	Session 2: 2:30 PM to 4:00 PM	Brookfield Viscometer Mrs. P. B. Chavan	Soxhlet Extractor Mr. R. G. Patrakar	pH meter Mr. R. D. Vyavahare
Day 4: Thursday, 16/12/21	Session 1: 1:00 PM to 2:30 PM	Soxhlet Extractor Mr. R. G. Patrakar	Rotary Tablet Machine Dr. J. S. Mulla	Dissolution Test Apparatus Mr. A. M. Kadam
	Session 2: 2:30 PM to 4:00 PM	Laminar Air Flow Bench Ms. P. A. Thorat	pH meter Mr. R. D. Vyavahare	Rotary Evaporator Mr. R. G. Patrakar
Day 5: Friday, 17/12/21	Session 1: 1:00 PM to 2:30 PM	Rotary Tablet Machine Dr. J. S. Mulla	Brookfield Viscometer Mrs. P. B. Chavan	Soxhlet Extractor Mr. R. G. Patrakar
	Session 2: 2:30 PM to 4:00 PM	pH meter Mr. R. D. Vyavahare	Rotary Evaporator Mr. R. G. Patrakar	Muffle Furnace Ms. C. A. Jadhav
	4:00 PM to 4:30 PM	Valedictory		

**CO-ORDINATORS**

Mr. A. M. Kadam  
Assistant Professor

Mr. R. G. Patrakar  
Assistant Professor



**CHIEF CO-ORDINATOR**

Dr. J. S. Mulla  
Associate Professor

**CONVENER**

Dr. V. R. Aralelimath  
Principal



*(Signature)*  
**Principal**

**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

A 'Five Days Workshop on Demonstration and Hands-on Training Program of Pharmaceutical Equipments' was successfully organized at Shree Santkrupa College of Pharmacy, Ghogaon from 13<sup>th</sup> to 17<sup>th</sup> December 2021. A total of eighty students from Final B.Pharm and Final M.Pharm were actively participated in this workshop.

Following were the important objectives to conduct this workshop:

- To provide hands-on training to students on pharmaceutical equipments and machineries.
- Initiation to bridge the experimental gap occurred during Covid-19 Pandemic.
- To encourage students to handle equipments confidently and appropriately.
- To inculcate competencies needed at the workplace.
- Overall skill development of students.

**Outline of Workshop:**

- The course provided basic understanding of the following pharmaceutical equipments and machineries.
  - ✓ Rotary Tablet Machine
  - ✓ Dissolution Test Apparatus
  - ✓ UV Spectrophotometer
  - ✓ Rotary Evaporator
  - ✓ Laminar Air Flow Bench
  - ✓ Muffle Furnace
  - ✓ Microscope
  - ✓ Brookfield Viscometer
  - ✓ Soxhlet Extractor
  - ✓ pH meter



**Principal**

**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



## Course Outcome:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
"Five Days Workshop on Demonstration  
and Hands-on Training program of  
Pharmaceutical Equipment's"



### Course Outcomes:

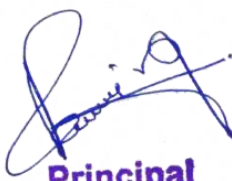
**Five Days Workshop on Demonstration and Hands-on Training  
program of Pharmaceutical Equipment's**

"After completing the Five Days Workshop on Demonstration and Hands-on Training program of Pharmaceutical Equipment's, participants will be able to demonstrate a comprehensive understanding of various pharmaceutical equipment, including their principles of operation and maintenance requirements. They will also gain practical skills through hands-on training, enabling them to proficiently operate, troubleshoot, and maintain pharmaceutical equipment in a professional setting."



  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon





  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## 2. Employability Skills under Life Skills Program organised by Rubicon

### Notice:

Regd. No. MH/4775/Satara DTE Code : 6394, MSBTE Code : 2144

 **Shree Santkrupa Shikshan Sanstha's**  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**  
Ghogaon (Shivajinagar), Tal: Karad, Dist: Satara, (Maharashtra State) Pin-415111  
Ph : (02164) 257374 Email : principalsntk@rediffmail.com Web : www.sscop.org



**Dr. Usha A. Johari** President  
**Mr. Prasun Johari** Secretary  
**Dr. V. R. Aralelimath** Principal


Wednesday, December 15, 2021


**Notice**

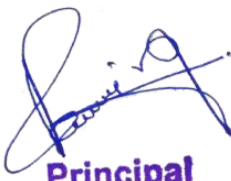
All the students of Final Year B. Pharm. are hereby informed that the college has organised certificate program on Employability Skills under Life Skills Program organised by Rubicon; so all of you are hereby directed to register for it.  
The details of the program are as below:


**Topic** : Employability Skills under Life Skills Program organised by Rubicon  
**Name of Trainer** : Ms. Vishkha Barve  
**Name of Faculty Co-ordinator** : Mr. A. M. Kadam  
**Duration** : December 20, 2021 to December 23, 2021

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.

  
IQAC Co-ordinator  
Shree Santkrupa College of Pharmacy, Ghogaon



  
**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



Approved by AICTE, PCI, New Delhi, Reco. by Govt. of Maharashtra & Affiliated to Shivaji University, Kolhapur, MSBTE Mumbai



SHREE SANTKRUPA COLLEGE OF PHARMACY GHOGAON

In Collaboration with

RUBICON SKILL DEVELOPMENT PVT LTD PUNE



## Organizes "LifeSkills" Program, 20<sup>th</sup>-23<sup>rd</sup> December 2021

### About Program:-

Rubicon's "LifeSkills" Program, supported by Barclays aims at improving the employability skills of the youth. This initiative is supported by Barclays. Under this program, students will be trained by Corporate Trainers to enhance their Life skills which would help them significantly to increase their chance of succeeding in a job interview .

Life Skills training, we will be covering the below topics:

- Organizational Structure
- Public Speaking
- Presentation Skills
- Etiquette
- E-mail Grooming
- Group Discussion
- Personal Interview
- Assessment will be conducted on Group Discussion and Personal Interview.



*Organized by Training and Placement cell, Entrepreneurship Development Cell of  
Shree Santkrupa College of Pharmacy Ghogaon In Association With Rubicon Pvt. Ltd Pune  
As a Part of Employability Enhancement Programme*

### Patrons

Shri. Shashikant Patil    Shri. Prasun Johari  
President                      Secretary

### Convener

Dr. V. R. Aralelimath  
Principal

### Chief Coordinator

Shri. Atul M. Kadam  
Training and Placement Officer

Shree Santkrupa Shikshan Sanstha, Ghogaon.



**Principal**

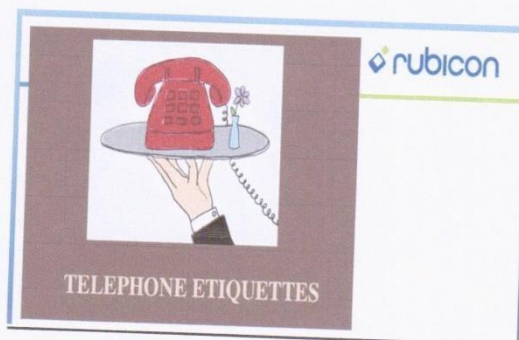
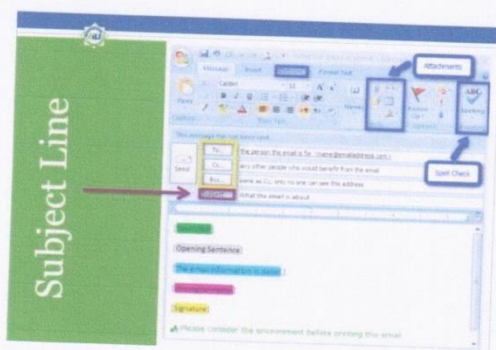
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

**Contents:**

She covered following aspects in four days extensive training with role play activity students has actively participated in it and enjoyed the following topics has covered in Life Skills Program

- Organizational Structure
- Goal Settings
- SWOT Analysis
- Corporate Jargons
- Public Speaking
- Presentation Skills
- E-mail Etiquette
- Body language
- Group Discussion
- Resume Writing
- Personal Interview
- Career Sharing
- Interviewing skills
- Resume presentation
- Aptitude test preparations

**Glimpses of Activities**



**Principal**

**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

**Course outcome:**



**Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
"Employability Skills"**



**Course Outcomes:** Employability Skills under Life Skills Program organised by Rubicon

The Employability Skills course equips students with essential skills such as effective communication, teamwork, problem-solving, and professional etiquette, enhancing their employability in the pharmaceutical industry. Students develop a strong foundation in these skills, enabling them to excel in their careers and contribute effectively to the workforce.



*M. Meade*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



*[Signature]*  
**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

### 3. Stress Management

#### Notice

Regd. No. MH/4775/Satara DTE Code : 6394, MSBTE Code : 2144

Shree Santkrupa Shikshan Sanstha's  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**

Ghogaon (Shivajinagar), Tal: Karad, Dist: Satara, (Maharashtra State) Pin-415111  
Ph : (02164) 257374 Email : principalsntk@rediffmail.com Web : www.sscop.org

Dr. Usha A. Johari President  
Mr. Prasun Johari Secretary  
Dr. V. R. Aralelimath Principal


Wednesday, November 10, 2021


**Notice**


All the students of Final Year B. Pharm. (SEM-VII) are hereby informed that the college has organised **Stress Management** certificate program; so all of you are hereby directed to register for it. The details of the program are as below:


<b>Topic</b>	: Stress Management
<b>Name of Faculty Co-ordinator</b>	: Mr. Kalidas Patil
<b>Name of Trainer</b>	: Mr. A. M. Kadam
<b>Duration</b>	: 14/11/2021 to 28/11/2021

All are requested to register and take maximum benefit out of it as it may be very helpful to relieve the stress and help you to live a stress free life. For registration all students are requested to contact Course Co-ordinator at earliest.

  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



Approved by AICTE, PCI, New Delhi, Reco. by Govt. of Maharashtra & Affiliated to Shivaji University, Kolhapur, MSBTE Mumbai

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



### Course: Stress Management

**Course Objectives:** Upon completion of the course, students shall be able to:

1. Utilize stress management and awareness programs to reduce stress.
2. Increase the use of healthy proactive stress management techniques.
3. Understand the benefits of Yoga and Meditation for stress relief.
4. Lessen or completely eradicate the detrimental impacts of stress on mental, emotional, and physical health.
5. Boost general health and productivity, strengthen interpersonal connections, and enhance the capacity to handle stress effectively.

### Syllabus Content:

1. **Introduction to Stress Management (1 hour)**
  - Understanding the concept of stress and its impact.
2. **Yoga and Meditation for Stress Management (1 hour)**
  - Exploring techniques for stress relief through yoga and meditation.
3. **Applications of Yoga in Education, Stress Management, Personality Development (1 hour)**
  - Examining how yoga can benefit various aspects of life.
4. **Health and Disease Perception in Indian System of Medicine (1 hour)**
  - Understanding health from the perspective of traditional Indian medicine.
5. **Positive Energy (1 hour)**
  - Cultivating positive energy for stress reduction.
6. **Listen to Music (1 hour)**
  - Exploring the therapeutic effects of music on stress.
7. **Talk Positively to Yourself (1 hour)**
  - Developing positive self-talk as a stress management tool.
8. **Avoid Multitasking; Do One Thing at a Time (1 hour)**
  - Understanding the impact of multitasking on stress levels.
9. **Need to Connect with Friends to Prevent Stresses in Life (1 hour)**
  - Emphasizing the importance of social support.
10. **Aromatherapy for Stress Management (1 hour)**
  - Exploring the use of aromatherapy techniques.
11. **Improvisation of Creativity (1 hour)**
  - Encouraging creative activities for stress relief.
12. **How to Engage in Free Time Activities (1 hour)**
  - Identifying and engaging in fulfilling leisure activities.



**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

13. **Take Assistance from Others as Needed (1 hour)**
  - Understanding the value of seeking help when necessary.
14. **Control over Anger (1 hour)**
  - Techniques for managing and controlling anger.
15. **Need for Gratitude - Feeling of Appreciation (1 hour)**
  - Cultivating a sense of gratitude for stress reduction.
16. **Celebrate When Things Go Well (1 hour)**
  - Acknowledging achievements and positive events.
17. **Planning of the Day and Work Accordingly (1 hour)**
  - Effective time management for stress reduction.
18. **Assessing Priorities (1 hour)**
  - Identifying and prioritizing tasks for better stress management.
19. **Laugh and Make Time for Fun (1 hour)**
  - Incorporating humor and enjoyment into daily life.
20. **Social Support for Stress-Free Life (1 hour)**
  - Building and maintaining a strong support network.
21. **Dealing with Problems (1 hour)**
  - Strategies for problem-solving and coping with challenges.
22. **Eat Good Foods to Avoid Ailments (1 hour)**
  - Exploring the connection between diet and stress.
23. **Need for Enough Sleep for a Stress-Free Life (1 hour)**
  - Understanding the importance of adequate sleep.
24. **Daily Exercise (1 hour)**
  - Incorporating regular exercise into the routine.
25. **Eliminating Stressors (1 hour)**
  - Identifying and eliminating sources of stress.
26. **Negative to Positive Mindset (1 hour)**
  - Shifting from a negative to a positive mindset.
27. **Need to Think Before You Speak (1 hour)**
  - Developing effective communication skills for stress reduction.
28. **Need for Deep Breathing While Stressed or Overwhelmed (1 hour)**
  - Practicing deep breathing exercises for stress relief.
29. **Emergency Stress-Stopppers (1 hour)**
  - Quick techniques for immediate stress relief.
30. **Stress-Busting Activities (1 hour)**
  - Engaging in activities that promote relaxation and stress reduction.

Note: The duration mentioned for each topic is approximate and can be adjusted based on the specific needs of the course and participants.



*Meade*  
**IQAC Co-ordinator**  
 Shree Santkrupa College of Pharmacy, Ghogaon



*[Signature]*  
**Principal**  
 Dr. Ramling G. Patrakar  
 Shree Santkrupa College of Pharmacy  
 Ghogaon, Tal. Karad, Dist. Satara



**Course outcome:**



**Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
"Stress Management"**




**Course Outcomes: Stress Management**

The Stress Management course at Shree Santkrupa College of Pharmacy, Ghogaon, aims to equip students with effective strategies to identify, understand, and manage stress in their personal and professional lives. Through this course, students will develop skills in stress assessment, relaxation techniques, and resilience-building, empowering them to maintain well-being and enhance their academic and professional performance.



  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



  
**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## 4. Herbarium Preparation

### Notice:

Regd. No. MH/4775/Satara DTE Code : 6394, MSBTE Code : 2144

Shree Santkrupa Shikshan Sanstha's  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**

Ghogaon (Shivajinagar), Tal: Karad, Dist: Satara, (Maharashtra State) Pin-415111  
Ph : (02164) 257374 | Email : principalsntk@rediffmail.com | Web : www.sscop.org

Dr. Usha A. Johari President  
Mr. Prasun Johari Secretary  
Dr. V. R. Aralelimath Principal


Monday, March 14, 2022


**Notice**

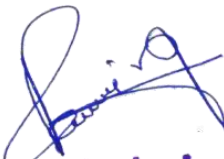
All the students of Second Year B. Pharm (Sem-IV) Students are hereby informed that the college has organized certificate program on Herbarium Preparation; so all of you are hereby directed to register for it. The details of the program are as below:


**Topic** : Herbarium Preparation  
**Name of Trainer** : Mr. R. G. Patrakar and Ms. Chitrarekha Jadhav  
**Name of Faculty Co-ordinator** : Mr. R. G. Patrakar and Ms. Chitrarekha Jadhav  
**Duration** : 18/03/2022 to 03/04/2022

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.

  
IQAC Co-ordinator  
Shree Santkrupa College of Pharmacy, Ghogaon



  
Principal  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



Approved by AICTE, PCI, New Delhi, Reco. by Govt. of Maharashtra & Affiliated to Shivaji University, Kolhapur, MSBTE Mumbai

## Syllabus:



**Shree Santkrupa Shikshan Sanstha's**  
**Shree Santkrupa College of Pharmacy,**  
**Ghogaon**



**Course Title:** Training Program on Herbarium Preparation

**Course Objectives:** Upon completion of the course, participants will be able to:

1. Understand the importance of herbariums for future reference in various fields.
2. Demonstrate knowledge of methods used in the preparation of herbarium specimens.
3. Recognize the significance of voucher specimens in scientific research.

**Syllabus Content:**

**Unit I: Herbarium Introduction, Types, and Functions (6 Hours)**

- Definition and overview of herbariums
- Importance of herbariums in pharmaceutical education and research
- Types of herbaria
- Functions of herbariums

**Unit II: Need of Herbarium and Authentication (6 Hours)**

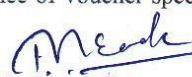
- Importance of herbariums in education and scientific research
- Processes involved in the preparation and deposition of herbarium specimens

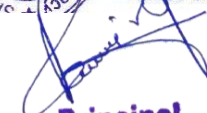
**Unit III: Methods of Herbarium Preparation, Maintenance, and Basic Practical Skills (18 Hours)**

- Field visits and their significance
- Collection of specimens: techniques and best practices
- Drying methods for preserving plant specimens
- Mounting on herbarium sheets: spatula and needle methods
- Preservation techniques
- Labelling of specimens
- Proper storage of herbarium collections
- Basic practical skills in herbarium preparation
- Initial preparations for specimen deposition
- Evaluation of field equipment and supplies
- Pressing and mounting specimen techniques
- Record keeping for herbarium specimens
- Conservation methods for specimens

The course will include a balance of theoretical knowledge and hands-on practical skills to ensure participants are well-equipped with the necessary competencies in herbarium preparation. Additionally, emphasis will be placed on the significance of voucher specimens in contributing to scientific research and education.



  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon

  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Course outcome:



**Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
"Herbarium Preparation"**



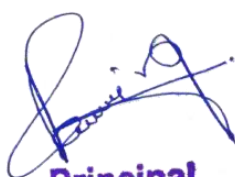
### **Course Outcomes: Herbarium Preparation**

By the end of the Herbarium Preparation course at Shree Santkrupa College of Pharmacy, Ghogaon, students will be proficient in collecting, identifying, preserving, and cataloging plant specimens. They will develop skills in using herbarium techniques and equipment, enhancing their understanding of plant morphology and taxonomy. Students will also gain practical experience in creating a professional herbarium collection suitable for scientific study and research.



  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon





  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## 5. Tablet Manufacturing Technology

### Notice:

Regd. No. MH/4775/Satara DTE Code : 6394, MSBTE Code : 2144

 **Shree Santkrupa College of Pharmacy** 

Ghogaon (Shivajinagar), Tal: Karad, Dist: Satara, (Maharashtra State) Pin-415111  
Ph : (02164) 257374 Email : principalsntk@rediffmail.com Web : www.sscop.org

**Dr. Usha A. Johari** President  
**Mr. Prasun Johari** Secretary  
**Dr. V. R. Aralelimath** Principal


Monday, December 06, 2021


**Notice**

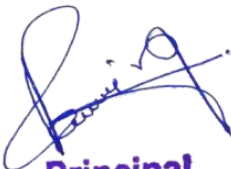
All the students of Third Year B. Pharm (Sem-V) are hereby informed that the college has organised certificate program on “**Tablet Manufacturing Technology**”; so all of you are hereby directed to register for it. The details of the program are as below:


<b>Topic</b>	: Tablet Manufacturing Technology
<b>Name of Trainer</b>	: Dr. J. S. Mulla, Ms. Priyanka Thorat
<b>Name of Faculty Co-ordinator</b>	: Dr. J. S. Mulla, Ms. Priyanka Thorat
<b>Duration</b>	: 12/12/2021 to 21/12/2021

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.

  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



  
**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



Approved by AICTE, PCI, New Delhi, Reco. by Govt. of Maharashtra & Affiliated to Shivaji University, Kolhapur, MSBTE Mumbai

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



### Course Title: Tablet Manufacturing Technology

This course on Tablet Manufacturing Technology aims to provide students with a comprehensive understanding of the processes involved in the industry-level production of pharmaceutical drugs. The course objectives and syllabus content are outlined below:

#### Course objectives:

- 1. Inculcate the process of industry-level production of pharmaceutical drugs:**
  - Understand the overall process of manufacturing pharmaceutical tablets on an industrial scale.
- 2. Know the importance of excipients in tablet manufacturing:**
  - Recognize the significance of various excipients, including diluents, lubricants, binders, colors, anti-adherents, flavors, sweetening agents, disintegrants, etc., with practical examples.
- 3. Understand different manufacturing steps:**
  - Explore the various manufacturing steps involved, such as milling, granulation, coating, tablet compression, and other essential processes.
- 4. Know various quality control tests:**
  - Learn about the quality control tests performed on tablets after production, including size, shape, weight variation, hardness, content uniformity, friability, disintegration, and dissolution.
- 5. Understand tablet defects and remedies:**
  - Identify different tablet defects, understand the reasons behind these defects, and explore measures to overcome issues such as chipping, capping, double impression, lamination, and hardness variation.



**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

**Syllabus content:**

**Unit I: Tablet Introduction (5 Hours)**

- Definition & Classification of Tablets
- Tablet characteristics, advantages, and disadvantages
- Excipients used in Tablets: Diluents, Lubricants, Binders, Colours, Anti-adherents, Flavours, sweetening agents, Disintegrants, etc. with examples

**Unit II: Various Tablet Manufacturing Techniques & Granulation (5 Hours)**

- Direct Compression
- Importance of granulation
- Granulation technology on a large scale: dry granulation, wet granulation with mechanisms
- Compression and compaction techniques

**Unit III: Tablet Compression Machines (5 Hours)**

- Single punch machine
- Multiple punch tablet machine
- Rotary tablet machine
- Tooling used in tablet compression

**Unit IV: Tablet Coating (5 Hours)**

- Types of coating
- Coating materials
- Formulation of coating composition
- Methods of coating
- Equipment employed in tablet coating
- Defects in coating and their prevention

**Unit V: Quality Control Tests (5 Hours)**

- Various evaluation tests for tablets
- Size, shape, weight variation
- Hardness, content uniformity
- Friability, disintegration, dissolution

**Unit VI: Tablet Defects & Remedies (5 Hours)**

- Identification of various defects in tablets
- Reasons for defects
- Measures to overcome defects: chipping, capping, double impression, lamination, hardness variation



*Meade*  
IQAC Co-ordinator  
Shree Santkrupa College of Pharmacy, Ghogaon

*[Signature]*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

**Course Outcome:**



**Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
"Tablet Manufacturing Technology"**



**Course Outcomes: Tablet Manufacturing Technology**

"After completing this course, students will have a comprehensive understanding of the principles and practices involved in tablet manufacturing. They will be proficient in the formulation, production, and quality control aspects of tablet manufacturing, enabling them to contribute effectively in the pharmaceutical industry."



*M. Meade*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon





*Ramling G. Patrakar*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



## 6. Computer Applications in Pharmacy

### Notice

Regd. No. MH/4775/Satara DTE Code : 6394, MSBTE Code : 2144

 Shree Santkrupa Shikshan Sanstha's  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**  


Ghogaon (Shivajinagar), Tal: Karad, Dist: Satara, (Maharashtra State) Pin-415111  
Ph : (02164) 257374 Email : principalsntk@rediffmail.com Web : www.sscop.org

**Dr. Usha A. Johari** President  
**Mr. Prasun Johari** Secretary  
**Dr. V. R. Aralelimath** Principal



Friday, April 08, 2022



**Notice**

All the students of First Year B. Pharm SEM-II are hereby informed that the college has organised Training Program on “**Computer Applications in Pharmacy**”; so all of you are hereby directed to register for it. The details of the program are as below:

**Topic** : **Computer Applications in Pharmacy**  
**Name of Faculty Co-ordinator** : Dr. J. S. Mulla  
**Name of Faculty Trainer** : Mr. Vishal Patil  
(Shree Santkrupa Institute of Engineering & Technology, Ghogaon)  
**Duration** : 14/04/2022 to 03/05/2022

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.

  
  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon

  
  
**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

Approved by AICTE, PCI, New Delhi, Reco. by Govt. of Maharashtra & Affiliated to Shivaji University, Kolhapur, MSBTE Mumbai

## Syllabus:



**Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon**



**Course Title: Computers Applications in Pharmacy.**

**Course Objectives:**

- 1. Understanding Various Applications of Computers in Pharmacy:**
  - Explore the fundamentals, evolution, and generation of computers.
  - Understand the types of computers and their characteristics.
  - Acquire knowledge of anatomy and computer peripherals, including CPU, input and output devices, ancillary machines, memories, and storage devices.
- 2. Knowledge of Various Types of Databases:**
  - Explore the concept of databases and their types.
  - Understand the fundamentals of Database Management Systems (DBMS).
- 3. Understanding Applications of Databases in Pharmacy:**
  - Examine the various applications of databases in pharmacy.
  - Learn about effective use of databases in pharmacy and their role in clinical studies.
- 4. Knowledge of Database Management System and Applications in Clinical Studies:**
  - Gain insights into Database Management Systems.
  - Explore the effective use of databases, particularly in the context of clinical studies.

**Syllabus Content:**

**Unit I: Introduction to History and Generation of Computers (5 Hours)**

- Fundamentals, evolution, and generation of computers.
- Types of computers.
- Knowledge of anatomy and computer peripherals.
  - CPU, Input and Output devices, Ancillary machines.
  - Characteristics of computers, memories, and storage devices.



*(Handwritten Signature)*

**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

**Unit II: Various Operating Systems (5 Hours)**

- Terminology MS-DOS, MS Windows.
- Introduction to other operating systems.
- Dealing with Microsoft Office.
  - MS Word, MS Excel, MS PowerPoint.

**Unit III: Introduction to Internet Basics, Networking, and Web Technologies (6 Hours)**

- Internet basics, including browsing, search engines, and email.
- Networking concepts, LAN, WAN.
- Programming languages.
- Introduction to web servers and Pharmacy Drug database.

**Unit IV: Concept of Information Systems and Software (6 Hours)**

- Information systems and software concepts.
- Information gathering, requirement and feasibility analysis.
- Data flow diagrams, process specifications.
- Input/output design, process life cycle.
- Planning and managing the project.

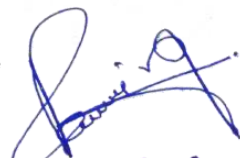
**Unit V: Computer Applications in Pharmacy (8 Hours)**

- Applications to pharmacokinetics, drug development.
- Drug information storage and retrieval.
- Hospital and clinical pharmacy, Electronic Prescribing and discharge (EP) systems.
- Pharmaceutical analysis, crude drug identification.
- Barcode medicine identification and automated dispensing of drugs.
- Diagnosis and data analysis.
- Bulk drug and pharmaceutical manufacturing.
- Sales and marketing.

This course covers a wide range of topics, providing students with a comprehensive understanding of how computers and technology are applied in the field of pharmacy. The practical applications discussed in Unit V particularly contribute to preparing students for real-world scenarios in the pharmaceutical industry.



  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon

  
**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

**Course outcome:**



**Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
"Computer Applications in Pharmacy"**



**Course Outcomes: Computer Applications in Pharmacy**

"This course equips students with the necessary skills to utilize computer applications effectively in pharmacy practice. Students will learn to manage pharmaceutical data, analyze drug interactions, and understand principles of pharmacy software. By the end of the course, students will be proficient in using software tools relevant to the pharmacy field, enhancing their employability and efficiency in pharmaceutical settings."



*Meevale*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon




*[Signature]*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Academic Year 2020-21

### 1. Demonstration on Preparation of Nutraceuticals:

Notice:



**SHREE SANTKRUPA SHIKSHAN SANSTHA'S**  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**  
Approved by AICTE, PCI New Delhi, DTE Mumbai & Affiliated to Shivaji University, Kolhapur

**PRESIDENT**  
SHRI. SHASHIKANT K. PATIL

DTE Code : PH6394

Reg.No.MH/4775/Satara.F-4746(Satara) Est:22/6/1996

**SHREE SANTKRUPA SHIKSHAN SANSTHA'S**  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**  
Approved by AICTE, PCI New Delhi, DTE Mumbai & Affiliated to Shivaji University, Kolhapur

**SECRETARY**  
MR. PRASUN JOHARI


Monday, May 10, 2021

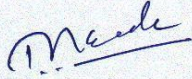
**Notice**

All the students of Third Year B. Pharm. are hereby informed that the college has organised **Demonstration on Preparation of Nutraceuticals** Certificate Program; so all of you are hereby directed to register for it. The details of the program are as below:


<b>Topic</b>	: Demonstration on Preparation of Nutraceuticals
<b>Name of Trainer</b>	: Mr. R. G. Patrakar
<b>Name of Faculty Co-ordinator</b>	: Mr. R. G. Patrakar
<b>Duration</b>	: 14/05/2021 to 30/05/2021

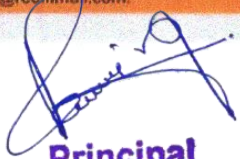
All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.





**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon





**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

Ghogaon, Tal.-Karad, Dist.Satara Pin : 415 111 ( Maharashtra), Ph: (02164) 257404/257374, Fax : 257404  
Website:www.sscop.org Email:-principalsntk@rediffmail.com.

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



**Course Title:** Demonstration on Preparation of Nutraceuticals

### Course Objectives:

Upon completion of the course, students shall be able to:

- 1. Understand the Basic Concepts Regarding Nutraceuticals:**
  - Define and explain the scope of nutraceuticals.
  - Evaluate the advantages and disadvantages of nutraceuticals.
  - Explore general aspects related to nutraceuticals.
- 2. Acquire Knowledge on Types of Nutraceuticals Available in the Market:**
  - Identify and categorize different types of nutraceuticals.
  - Analyze the diversity of nutraceutical products available in the market.
- 3. Comprehend the Health Benefits of Nutraceuticals:**
  - Examine the positive impacts of nutraceuticals on health.
  - Understand the role of nutraceuticals in addressing specific health issues.
- 4. Recognize Nutraceuticals as Alternatives for Pharmaceuticals:**
  - Evaluate the potential of nutraceuticals as alternative or complementary solutions to pharmaceuticals.

### Syllabus Content:

#### Unit I: Nutraceuticals Introduction (7 Hours)

- Definition and scope of Nutraceuticals.
- Advantages and Disadvantages of Nutraceuticals.
- General aspects related to Nutraceuticals.

#### Unit II: Health Benefits (7 Hours)

- Overview of the health benefits of nutraceuticals.
- Exploration of the role of nutraceuticals in addressing specific ailments:
  - Diabetes
  - Cancer



**Principal**

Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

- Cardiovascular diseases (CVS)
- Irritable bowel syndrome
- Various gastrointestinal diseases

**Unit III: Preparation of Nutraceuticals (8 Hours)**

- Practical demonstrations and hands-on experience in the preparation of nutraceuticals.

**Unit IV: Herbs as Health Food (8 Hours)**

- In-depth study of specific herbs with health benefits:
  - Alfaalfa
  - Chicory
  - Ginger
  - Fenugreek
  - Garlic
  - Honey
  - Amla
  - Ginseng
  - Ashwagandha
  - Spirulina

Note: The hours mentioned for each unit represent the approximate time allocated for instruction, discussion, and practical demonstrations. The course will provide a comprehensive understanding of nutraceuticals, from theoretical concepts to practical applications in the preparation of health-promoting products.



*M. Meade*  
**IQAC Co-ordinator**  
 Shree Santkrupa College of Pharmacy, Ghogaon



*Ramling G. Patrakar*  
**Principal**  
 Dr. Ramling G. Patrakar  
 Shree Santkrupa College of Pharmacy  
 Ghogaon, Tal. Karad, Dist. Satara

**Course outcome:**



**Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy, Ghogaon  
"Demonstration on Preparation of  
Nutraceuticals"**



**Course Outcomes: Demonstration on Preparation of Nutraceuticals**

"After completing this course, students will be able to understand the principles and methods of preparing nutraceuticals. They will gain hands-on experience in formulating and producing various nutraceutical products, enhancing their practical skills and knowledge in the field of nutraceutical science. Students will also develop an appreciation for the importance of quality control and regulatory compliance in nutraceutical manufacturing."



*Meede*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon




*Ramling G. Patrakar*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



## 2. Literature Review:

### Notice:

DTE Code : PH6394



**SHREE SANTKRUPA SHIKSHAN SANSTHA'S**  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**  
Approved by AICTE, PCI New Delhi, DTE Mumbai & Affiliated to Shivaji University, Kolhapur

Reg.No.MH/4775/Satara.F-4746(Satara) Est:22/6/1996

**SHREE SANTKRUPA SHIKSHAN SANSTHA'S**  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**  
Approved by AICTE, PCI New Delhi, DTE Mumbai & Affiliated to Shivaji University, Kolhapur

**PRESIDENT**  
SHRI. SHASHIKANT K. PATIL

**SECRETARY**  
MR. PRASUN JOHARI


Tuesday, September 01, 2020

### Notice

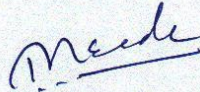
All the students of Final Year B. Pharm (SEM-VII) and Second Year M. Pharm (SEM-III) are hereby informed that the college has organised certificate program on Literature Review (ONLINE); so all of you are hereby directed to register for it. The details of the program are as below:

<b>Topic</b>	: Literature Review
<b>Name of Trainer</b>	: Dr. J. S. Mulla
<b>Name of Faculty Co-ordinator</b>	: Dr. J. S. Mulla
<b>Duration</b>	: 04/09/2020 to 25/09/2020


All are requested to register and take maximum benefit out of it as it may enhance your skills for the M Pharm Thesis writing as well as the B. Pharm Project Work by doing the proper Literature. For registration all students are requested to contact Course Co-ordinator at earliest.

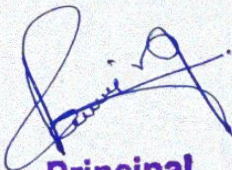


**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara





**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

Ghogaon, Tal.-Karad, Dist.Satara Pin : 415 111 ( Maharashtra), Ph: (02164) 257404/257374, Fax : 257404  
Website:www.sscop.org Email:-principalsntk@rediffmail.com.

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



**Course Title: Literature Review**

### Course Objectives:

- 1. Recognize the Components of a Literature Review:**
  - Identify and understand the key components of a literature review, including abstracts, keywords, graphical abstracts, introduction, materials and methods, experimental design, figures, tables, results and discussion, summary and conclusion, conflict of interest, and references.
- 2. Write and Present an Overview of Relevant Literature:**
  - Develop the ability to write and present a comprehensive overview of relevant literature for a specific research topic, incorporating the essential elements of a literature review.
- 3. Analyze and Evaluate Scientific Literature:**
  - Acquire proficiency in critically analyzing and evaluating scientific literature, assessing the validity, methodology, and significance of research studies.
- 4. Understand Journal Types and Selection:**
  - Gain insights into various types of journals, including reputable ones such as Science Direct, Nature, Taylor and Francis, Elsevier, and Springer.
  - Learn the criteria for selecting the best journal for publication, considering factors like impact factor, reputation, and relevance to the research topic.
- 5. Effective Use of ICT Tools and Search Engines:**
  - Develop skills in using Information and Communication Technology (ICT) tools for literature research, including MS Word, MS Excel, PubMed, Mendeley, Endnote, Zotero, InStat, Google search, Google Scholar, Google Docs, Google Slides, and Grammarly.
- 6. Enhance Quality and Increase Publication Acceptance:**
  - Understand how effective use of ICT tools, proper literature review writing, and appropriate journal selection contribute to the enhancement of research quality and increase the likelihood of acceptance for publication.



**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

**Syllabus Content:**

**Unit I: Components of Review and Research Articles (10 Hours)**

- Overview of published review and research articles.
- Detailed examination of components such as abstract, keywords, graphical abstract, introduction, materials and methods, experimental design, figures, tables, results and discussion, summary and conclusion, conflict of interest, and references.
- Points necessary for thesis writing, including abstract, literature review, introduction, materials and methods, objectives, plan of work, results and discussion, summary and conclusion, and bibliography.

**Unit II: Tools for Writing and Research (10 Hours)**

- Utilization of MS Word and MS Excel for writing.
- Introduction to reference management software such as Mendeley and Endnote.
- Effective use of other tools including Zotero, InStat, Google search, Google Scholar, Google Docs, Google Slides, and Grammarly.
- The role of computers in research and the use of statistical software such as GraphPad Prism, Design expert, PK solver, and SPSS.

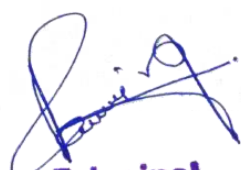
**Unit III: Journals and Publication Factors (10 Hours)**

- Types of journals, including Science Direct, Nature, Taylor and Francis, Elsevier, and Springer.
- Selection criteria for reputable journals, understanding the difference between paid and free journals.
- Importance of Impact Factor in journal selection.
- Considerations for effective writing, plagiarism checks, citation practices, and metrics like h index and I 10 index.



  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



  
**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Course outcome



**Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
"Literature Review"**



### **Course Outcomes: Literature Review**

"This course aims to equip students with the skills needed to conduct comprehensive literature reviews in the field of pharmacy. Students will learn to effectively search, critically evaluate, and synthesize literature to support research and practice. By the end of the course, students will be able to demonstrate proficiency in conducting high-quality literature reviews that contribute to evidence-based pharmacy practice."




*Meede*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



*[Signature]*  
**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

### 3. Statistical Analysis using Software:

#### Notice:



**SHREE SANTKRUPA SHIKSHAN SANSTHA**  
॥ वाचं धेनुमुपासीत ॥

**PRESIDENT**  
SHRI. SHASHIKANT K. PATIL

DTE Code : PH6394

Reg.No.MH/4775/Satara.F-4746(Satara) Est:22/6/1996  
**SHREE SANTKRUPA SHIKSHAN SANSTHA'S**  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**  
Approved by AICTE, PCI New Delhi, DTE Mumbai & Affiliated to Shivaji University, Kolhapur

**SECRETARY**  
MR. PRASUN JOHARI

Monday, February 15, 2021

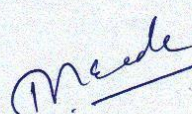
**Notice**

All the students of M. Pharm. are hereby informed that the college has organised “Statistical Analysis using Software” certificate program by Online Mode; so all of you are hereby directed to register for it.

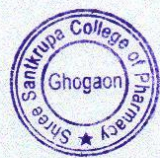
The details of the program are as below:

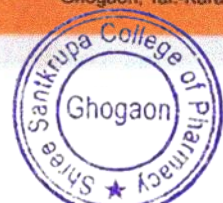
<b>Topic</b>	: Statistical Analysis using Software
<b>Name of Trainer</b>	: Dr. J. S. Mulla
<b>Name of Faculty Co-ordinator</b>	: Dr. J. S. Mulla
<b>Duration</b>	: 21/02/2021 to 29/03/2021

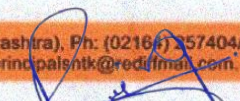
All are requested to register and take maximum benefit out of it as it may be very useful for your M Pharm Thesis work. For registration all students are requested to contact Course Co-ordinator at earliest.



**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon







**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

Ghogaon, Tal.-Karad, Dist.Satara Pin : 415 111 ( Maharashtra), Ph: (02166) 257404/257374, Fax : 257404  
Website:www.sscop.org Email:-principal@rediffmail.com

## Syllabus:



**Shree Santkrupa Shikshan Sanstha's**  
**Shree Santkrupa College of Pharmacy,**  
**Ghogaon**



**Course Title:** Training Program on Statistical Analysis using Software.

**Course Objectives:** After completion of the course, students shall be able to:

- 1. Understand the Fundamentals of Statistical Analysis:**
  - Define and comprehend basic statistical terms and concepts.
  - Explain the importance of statistical analysis in various fields.
- 2. Utilize Statistical Software for Data Management:**
  - Proficiently use statistical software for data entry, cleaning, and organization.
  - Explore features of software tools for efficient data management.
- 3. Conduct Descriptive Statistical Analysis:**
  - Perform descriptive statistical analysis to summarize and describe data.
  - Generate graphical representations of data using the software.
- 4. Apply Inferential Statistical Techniques:**
  - Understand and apply inferential statistical methods for hypothesis testing.
  - Interpret and communicate the results of hypothesis tests.
- 5. Conduct Multivariate Statistical Analysis:**
  - Explore and perform multivariate statistical techniques.
  - Understand the application of multivariate analysis in real-world scenarios.
- 6. Implement Regression Analysis:**
  - Conduct regression analysis to model relationships between variables.
  - Interpret and validate regression models using statistical software.

### Syllabus Content:

#### Unit I: Fundamentals of Statistical Analysis (05 Hours)

- Introduction to basic statistical concepts.
- Importance of statistical analysis in different fields.

#### Unit II: Utilizing Statistical Software for Data Management (05 Hours)

- Data entry, cleaning, and organization using statistical software.



**Principal**

**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

- Exploring features for efficient data management.

**Unit III: Descriptive Statistical Analysis (05 Hours)**

- Summary statistics and measures of central tendency.
- Graphical representation of data.

**Unit IV: Inferential Statistical Techniques (05 Hours)**

- Hypothesis testing: concepts and applications.
- Interpretation and communication of hypothesis test results.

**Unit V: Multivariate Statistical Analysis (05 Hours)**

- Introduction to multivariate statistical techniques.
- Application of multivariate analysis in practical scenarios.

**Unit VI: Regression Analysis (05 Hours)**

- Understanding regression analysis.
- Implementation, interpretation, and validation of regression models.

**Note:** The syllabus content and course objectives provide a general framework. Specific statistical software tools and detailed topics may vary based on the software chosen for the training program.



*M. Meade*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



*Dr. Ramling G. Patrakar*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Course outcome



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
"Statistical Analysis using Software"



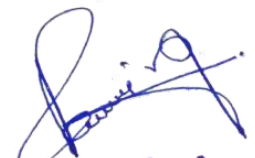
### Course Outcomes: Statistical Analysis using Software

"After completing this course, students will be able to proficiently analyze pharmaceutical data using statistical software. They will gain a comprehensive understanding of statistical concepts and their application in pharmacy research, enabling them to interpret and present data effectively. Students will also develop skills in hypothesis testing, regression analysis, and other advanced statistical techniques relevant to the pharmaceutical industry, enhancing their ability to contribute meaningfully to pharmaceutical research and development."



  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



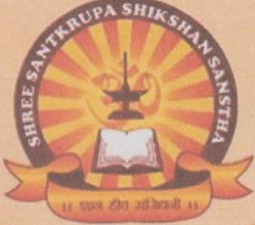
  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



## Academic Year 2019-20

### 1. Communication Skill

DTE Code : PH6394



PRESIDENT  
SHRI. SHASHIKANT K. PATIL

Reg.No.MH/4775/Satara.F-4746(Satara) Est:22/6/1996  
SHREE SANTKRUPA SHIKSHAN SANSTHA'S  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**  
Approved by AICTE, PCI New Delhi, DTE Mumbai & Affiliated to Shivaji University, Kolhapur

SECRETARY  
MR. PRASUN JOHARI

Monday, August 19, 2019

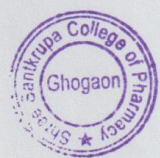
**Notice**

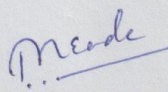
All the students of First Year B. Pharm. Students are hereby informed that the college has organised Communication Skill Certificate Program; so all of you are hereby directed to register for it:


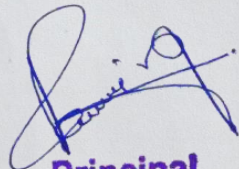
The details of the program are as below:

<b>Topic</b>	:	Communication Skill
<b>Name of Trainer</b>	:	Mrs. Sunita Rajendra Sutar
<b>Name of Faculty Co-ordinator</b>	:	Mr. Atul M. Kadam
<b>Duration</b>	:	25/08/2019 to 29/09/2019

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.



  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon

  
  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



### Course Title: Communication Skills

**Course Objectives:** Upon completion of the course, students shall be able to:

1. Communicate effectively, both verbally and non-verbally.
2. Develop interview skills for professional interactions.
3. Develop leadership qualities and essentials for effective team collaboration.
4. Encourage a fundamental understanding of the value of soft skills in interpersonal and professional interactions, supporting holistic personality development.
5. Make quantifiable opening statements that outline the knowledge and skills gained from completing the program.
6. Recognize the basic requirements of a Pharmacist's role effectively in the areas of pharmaceutical operations.

### Syllabus Content:

#### 1. Basics of Communication

- Need for communication skills
- Fundamentals of communication
- Channels of communication
- Duration: 3 hrs

#### 2. Effective Communication Skills

- Barriers to effective communication
- Duration: 2 hrs

#### 3. Basic Listening Skills

- Significance of listening
- Techniques for improving listening skills
- Basic principles of listening
- Duration: 3 hrs

#### 4. Perspectives in Communication

- Introduction
- Visual perception
- Language



**Principal**

Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



- Duration: 2 hrs

#### 5. Communication Styles

- Direct, Spirited, Systematic, and Considerate communication styles
- Duration: 3 hrs

#### 6. Attitude and Confidence during Communication

- Right attitude needed during communication
- Boosting confidence when speaking
- Duration: 2 hrs

#### 7. Non-Verbal Communication

- Handshake types
- Body language interpretation
- Body language
- Duration: 3 hrs

#### 8. Verbal Communication

- Goals, forms, voice, intonation, and articulation impact
- Duration: 2 hrs

#### 9. Written Communication

- Introduction
- Complexity of the topic
- Amount of discussion required
- Duration: 3 hrs

#### 10. Interview Skills –

- Do's and Don'ts of an interview
- Duration: 2 hrs

#### 11. Giving Presentations –

- Dealing with fears - Planning your presentation
- Duration: 3 hrs

#### 12. Group Discussion –

- Skills in group discussion
- Do's and Don'ts of group discussion
- Duration: 2 hrs

Note: The durations are tentative and may be adjusted based on the pace of the class and the need for additional discussions or practical exercises.



*Meech*  
**IQAC Co-ordinator**  
 Shree Santkrupa College of Pharmacy, Ghogaon

*[Signature]*  
**Principal**

**Dr. Ramling G. Patrakar**  
 Shree Santkrupa College of Pharmacy  
 Ghogaon, Tal. Karad, Dist. Satara

## Course Outcome:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
"Communication Skill"



### Course Outcomes: Communication Skill

This course aims to enhance students' communication skills, both verbal and written, in professional settings. By the end of the course, students will be able to effectively communicate ideas, information, and opinions in a clear, concise, and coherent manner. They will also develop the ability to listen actively and empathetically, fostering better understanding and collaboration. Additionally, students will gain proficiency in various forms of written communication, such as reports, emails, and presentations, preparing them for successful professional interactions in the field of pharmacy.



**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon




**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## 2. Techniques of Section Cutting, Preparation of Sample & Microscopic Evaluation of Crude Drugs

Notice:

DTE Code : PH6394



Reg.No.MH/4775/Satara.F-4746(Satara) Est:22/6/1996  
SHREE SANTKRUPA SHIKSHAN SANSTHA'S  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**  
Approved by AICTE, PCI New Delhi, DTE Mumbai & Affiliated to Shivaji University, Kolhapur

**PRESIDENT**  
SHRI. SHASHIKANT K. PATIL

**SECRETARY**  
MR. PRASUN JOHARI

Friday, December 20, 2019


**Notice**

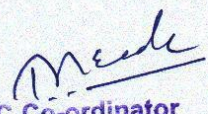
All the students of Second Year B. Pharm. are hereby informed that the college has organised certificate program on “**Techniques of Section Cutting, Preparation of Sample & Microscopic Evaluation of Crude Drugs**” so all of you are hereby directed to register for it.

The details of the program are as below:


<b>Topic</b>	: Techniques of Section Cutting, Preparation of Sample & Microscopic Evaluation of Crude Drugs
<b>Name of Trainer</b>	: Mr. R. G. Patrakar
<b>Name of Faculty Co-ordinator</b>	: Mr. R. G. Patrakar
<b>Duration</b>	: December 27, 2019 to January 12, 2020

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.

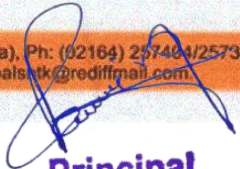




**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



Ghogaon, Tal. Karad, Dist. Satara Pin : 415 111 ( Maharashtra), Ph: (02164) 257404/257374, Fax : 257404  
Website: www.sscop.org Email: principals@rediffmail.com



**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



**Course Title:** Techniques of Section Cutting, Preparation of Sample & Microscopic Evaluation of Crude Drugs

### Course Objectives:

- 1. Develop Proficiency in Section Cutting Techniques:**
  - Gain a comprehensive understanding of various section cutting methods used in the preparation of crude drug samples.
  - Acquire practical skills in performing precise and accurate section cutting.
- 2. Master Sample Preparation Procedures:**
  - Learn the essential techniques for the preparation of crude drug samples for microscopic evaluation.
  - Understand the significance of proper sample preparation in obtaining reliable results.
- 3. Enhance Microscopic Evaluation Skills:**
  - Develop the ability to use microscopes effectively in the examination of crude drug samples.
  - Learn how to identify cellular structures, contaminants, and other relevant features under the microscope.
- 4. Understand Microscopy Applications in Crude Drug Analysis:**
  - Explore the diverse applications of microscopy in the analysis of crude drugs.
  - Gain insights into how microscopic evaluations contribute to the quality assessment of medicinal plants.
- 5. Interpret Microscopic Findings:**
  - Acquire skills in interpreting microscopic observations and correlating them with the botanical characteristics of crude drugs.
  - Understand the implications of microscopic findings for the quality and authenticity of crude drugs.



**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

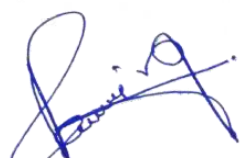
**Syllabus Content:**

1. **Introduction to Section Cutting Techniques (4 Hours):**
  - Overview of section cutting methods.
  - Importance of precision in section cutting.
  - Practical demonstrations and hands-on exercises.
2. **Sample Preparation Procedures (4 Hours):**
  - Techniques for preparing representative crude drug samples.
  - Considerations for minimizing artifacts during sample preparation.
  - Practical exercises in sample preparation.
3. **Microscopic Evaluation Fundamentals (4 Hours):**
  - Basics of microscopy relevant to crude drug analysis.
  - Microscope operation and maintenance.
  - Hands-on practice with microscopes.
4. **Microscopy Applications in Crude Drug Analysis (4 Hours):**
  - Exploration of various microscopy applications.
  - Case studies demonstrating the utility of microscopy in crude drug assessment.
  - Practical demonstrations.
5. **Interpretation of Microscopic Findings (4 Hours):**
  - Guidelines for interpreting microscopic observations.
  - Correlation between microscopic features and botanical characteristics.
  - Group discussions and case studies.
6. **Extended Practical Sessions (10 Hours):**
  - In-depth practical sessions integrating section cutting, sample preparation, and microscopic evaluation techniques.
  - Real-life scenarios to reinforce skills learned throughout the course.

Note: The course structure is designed to provide a balanced mix of theoretical knowledge and practical skills essential for professionals involved in the analysis of crude drugs.



  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon

  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Course Outcome



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



### Course Outcomes:

**Techniques of Section Cutting, Preparation of Sample &  
Microscopic Evaluation of Crude Drugs**

Upon completion of this course, students will have gained a comprehensive understanding of the techniques involved in section cutting, sample preparation, and microscopic evaluation of crude drugs. They will be able to proficiently use various instruments and methods to prepare samples, perform section cutting, and evaluate the microscopic characteristics of crude drugs, enabling them to contribute effectively in pharmaceutical research and quality control.



*M. N. N.*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon




*R. G. Patrakar*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Sa



### 3. Yoga & Meditation

#### Notice:

DTE Code : PH6394

  
SHREE SANTKRUPA SHIKSHAN SANSTHA'S  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**  
Approved by AICTE, PCI New Delhi, DTE Mumbai & Affiliated to Shivaji University, Kolhapur

Reg.No.MH/4775/Satara.F-4746(Satara) Est:22/6/1996

PRESIDENT  
SHRI. SHASHIKANT K. PATIL

SECRETARY  
MR. PRASUN JOHARI

Friday, June 14, 2019

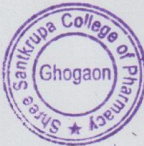
**Notice**

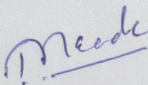
All the students of Final Year B. Pharm. are hereby informed that the college has organised certificate program on Yoga & Meditation; so all of you are hereby directed to register for it.


The details of the program are as below:

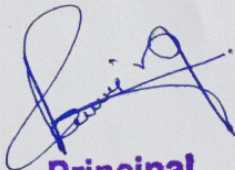
<b>Topic</b>	: Yoga & Meditation
<b>Name of Trainer</b>	: Dr. Swanand Kulkarni, Mr. Adhik Kadam
<b>Name of Faculty Co-ordinator</b>	: Mr. Adhik Kadam
<b>Duration</b>	: 21/06/2019 to 14/07/2019

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.



  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



  
**Principal**  
**Dr. Ramling G. Patrakar**  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



### Course Title: Yoga and Meditation

The course objectives and syllabus content focus on the holistic well-being of the students, incorporating various aspects of yoga, meditation, and overall health. Here's a breakdown of the key points:

#### Course objectives:

After completion of the course student shall be able to-

1. Develop self-awareness and the ability to overcome different forms of suffering to attain liberty and freedom.
2. Attain freedom in every aspect of life, including physical, mental, and emotional well-being, while living in harmony.
3. Facilitate student's health through the practice of yoga and meditation.
4. Maintain mental hygiene, achieve emotional stability, and incorporate moral principles.
5. Reach a higher state of awareness to fulfil life's ambitions and prevent illness.

#### Syllabus content:

##### Unit I: Introduction to Yoga and Meditation (06 Hours)

- Overview of Yoga and Meditation.
- Introduction to important Hatha Yoga principles.
- Introduction to Patanjali Yoga Sutras.
- Understanding energy sources and different types of energy.

##### Unit II: Basis of Yoga Education (06 Hours)

- Basics of Yoga Education.
- Introduction to Anatomy and Physiology.
- Understanding Human Systems in relation to Yoga and Health.



**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

- Yoga for wellness, emphasizing prevention and promotion of positive health.

### **Unit III: Yoga and Stress Management (06 Hours)**

- Exploring the connection between Yoga and stress management.
- Developing awareness of breath.
- Highlighting the benefits of Surya Namaskar (Sun Salutation).
- Practicing Yoga Asanas as exercise.

### **Unit IV: Pranayamas and Meditation (06 Hours)**

- Exploring the need for Pranayamas.
- Understanding the importance of Meditation and its scientific approach.
- Different Meditation techniques: OM meditation, basic meditation, Progressive relaxation, Yoga-nidra meditation, Spiritual meditation, Loving-kindness meditation.

### **Unit V: Yogic Diet and Applications of Yoga (06 Hours)**

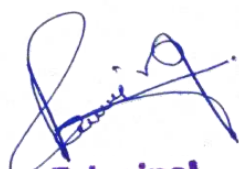
- Understanding the concept of Yogic diet.
- Exploring applications of Yoga in Education, Stress Management, and Personality Development.
- Perception of Health and Disease in the Indian system of medicine.

This course covers a wide range of topics, providing a comprehensive understanding of yoga, meditation, and their applications in various aspects of life. It also emphasizes the importance of holistic well-being, incorporating physical, mental, and emotional health.



  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Course Outcome



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
Yoga & Meditation



### Course Outcomes: Yoga & Meditation

The course aims to provide students with a comprehensive understanding of yoga and meditation practices, focusing on their physical, mental, and emotional benefits. Students will learn various yoga asanas, breathing techniques, and meditation practices to improve their overall well-being, reduce stress, enhance concentration, and promote a healthy lifestyle. They will also develop the skills to integrate these practices into their daily lives to maintain a balanced and harmonious mind-body connection.



*Meechi*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon




*Ramling G. Patrakar*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Academic Year 2019-20

### 1. Soft Skill Development Programme:

#### Notice:

	Reg.No.MH/4775/Satara.F-4746(Satara) Est:22/6/1996 SHREE SANTKRUPA SHIKSHAN SANSTHA'S <b>SHREE SANTKRUPA COLLEGE OF PHARMACY</b> Approved by AICTE, PCI New Delhi, DTE Mumbai & Affiliated to Shivaji University, Kolhapur	DTE Code : PH6394
PRESIDENT SHRI. SHASHIKANT K. PATIL		SECRETARY MR. PRASUN JOHARI

January 25, 2019

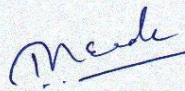

**Notice**

All the students of Second Year B. Pharm. Students are hereby informed that the college has organised Soft Skill Development Programme certificate program; so all of you are hereby directed to register for it.



The details of the program are as below:

<b>Topic</b>	: Soft Skill Development Programme
<b>Name of Trainer</b>	: Mr. Anil Patil, Mr. Advik Sapkal, Ms. Asawari Kulkarni
<b>Name of Faculty Co-ordinator</b>	: Mr. Mukund N. Urade
<b>Duration</b>	: 01 February, 2019 to 17 February, 2019

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.



**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

Ghogaon, Tal.-Karad, Dist.Satara Pin : 415 111 ( Maharashtra ), Ph: (02164) 257404/257374, Fax : 257404  
Website:www.sscop.org Email:-principalsntk@rediffmail.com.

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



### Course Title: Soft Skill Development Programme

#### Course Overview:

This Soft Skills course is designed to equip students with essential interpersonal and professional skills that are integral for personal and career success. The course focuses on cultivating positive traits, fostering a fundamental understanding of the value of soft skills, and supporting holistic personality development. Upon completion of the course, students will be well-prepared to navigate various social and professional situations with confidence and effectiveness.

#### Course Objectives:

- 1. Practicing Positive Traits:**
  - Develop positive habits such as punctuality, flexibility, eagerness to learn, amiability, and a willingness to assist others.
- 2. Understanding the Value of Soft Skills:**
  - Encourage a deep appreciation for the significance of soft skills in both interpersonal and professional interactions.
  - Support the holistic development of personality by comprehensive approach.
- 3. Quantifiable Knowledge and Skills:**
  - Provide students with quantifiable knowledge and skills through specific topics and practical applications.

#### Syllabus Content:

- 1. Attitude Building:**
  - Impact of negative thoughts, meditation awareness, helping others, and promoting positivity.
- 2. Calligraphy:**
  - Western, Eastern Asian, Southern Asian and Islamic Calligraphy.
- 3. Business Mathematics:**
  - Introduction to finance, accounting, economics, statistics, and related concepts.



**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

4. **LSRW (Listening, Speaking, Reading, Writing):**

- Enhance four essential learning abilities.

5. **Group Discussion:**

- Awareness of topics, leadership, efficient communication, active listening, and body language.

6. **Presentation Skills:**

- Effective presentation strategies, understanding audience requirements, and confident communication.

7. **Grooming & Etiquettes:**

- Physical cleanliness, dress code, and making a positive first impression.

8. **Resume Building:**

- Quick and easy techniques for creating a professional resume.

9. **Interview Techniques:**

- Preparation for interviews, expressing gratitude, concise answers, and positive body language.

10. **Mock Interview:**

- Practical interview practice and selecting the right mock interviewer.

11. **Email Writing:**

- Strategies for crafting effective and professional emails.

12. **Role Play:**

- Practical exercises for reproducing various atmospheres and behaviors in role play scenarios.

13. **Public Speaking:**

- Understanding the audience, effective meetings and presentations, engaging the audience, and fostering a confident mindset.

14. **Building Confidence:**

- Developing self-confidence, nurturing positive relationships, and embracing challenges.

15. **Decision Making:**

- Identifying goals, gathering information, conducting a significance study, making decisions, and evaluating decisions.

Each topic is allocated a duration of 2 hours, ensuring a comprehensive and well-paced learning experience for the students.



*M. E. Wade*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



*Dr. Ramling G. Patrakar*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

**Course outcome:**



**Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
"Soft Skill Development Programme"**



**Course Outcomes: Soft Skill Development Programme**

- Enhance communication skills, both verbal and written, to effectively express ideas and thoughts.
- Develop interpersonal skills for better collaboration and teamwork.
- Cultivate leadership qualities to lead and manage teams efficiently.
- Improve time management and organizational skills for increased productivity.
- Foster creativity and problem-solving abilities to tackle challenges effectively.
- Boost confidence and self-esteem for professional growth and success.
- Develop a positive attitude towards learning and personal development.



*Meeade*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon




*Ramling G. Patrakar*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



## 2. Identification of Medicinal Plant:

Notice:



**SHREE SANTKRUPA SHIKSHAN SANSTHA**

PRESIDENT  
SHRI. SHASHIKANT K. PATIL

DTE Code : PH6394

Reg.No.MH/4775/Satara.F-4746(Satara) Est:22/6/1996  
**SHREE SANTKRUPA SHIKSHAN SANSTHA'S**  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**  
Approved by AICTE, PCI New Delhi, DTE Mumbai & Affiliated to Shivaji University, Kolhapur

SECRETARY  
MR. PRASUN JOHARI

Monday, December 10, 2018

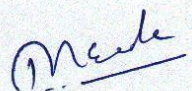
**Notice**

All the students of Third Year B. Pharm. are hereby informed that the college has organised Identification of Medicinal Plant to make you aware about the various medicinal plants from our near by region; so all of you are hereby requested to register and attend the program.


The details of the program are as below:

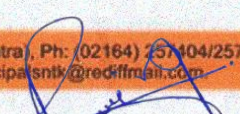
<b>Topic</b>	: Identification of Medicinal Plant
<b>Name of Faculty Co-ordinator</b>	: Mr. R. G. Patrakar
<b>Name of Trainer</b>	: Mr. R. G. Patrakar and Ms. Padma P. Gaikwad
<b>Duration</b>	: 15/12/2018 to 06/01/2019

All are requested to attend the programme and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.




**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon





**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara



Ghogaon, Tal. Karad, Dist. Satara Pin : 415 111 ( Maharashtra ), Ph: (02164) 257404/257374, Fax : 257404  
Website:www.sscop.org Email:-principalsntk@rediffmail.com

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



**Course Title:** Identification of Medicinal Plants

### Course Objectives:

- 1. Understand the fundamentals of medicinal plants:**
  - Define medicinal plants and their importance in traditional and modern healthcare.
  - Explore the historical context of medicinal plant usage.
- 2. Develop proficiency in plant identification techniques:**
  - Learn to identify medicinal plants based on key morphological features.
  - Understand the use of dichotomous keys and other tools in plant identification.
- 3. Gain knowledge of the chemical constituents of medicinal plants:**
  - Explore the bioactive compounds present in medicinal plants and their therapeutic properties.
  - Understand the importance of secondary metabolites in medicinal plant efficacy.
- 4. Learn sustainable harvesting and cultivation practices:**
  - Explore ethical considerations in harvesting medicinal plants from natural habitats.
  - Understand principles of sustainable cultivation to ensure the conservation of medicinal plant species.
- 5. Acquire skills in documentation and record-keeping:**
  - Develop the ability to maintain comprehensive records of identified medicinal plants.
  - Understand the importance of accurate documentation in the field of medicinal plant research.



**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

**Syllabus Content:**

1. **Introduction to Medicinal Plants- (04 Hours)**
  - Definition and significance of medicinal plants.
  - Historical perspectives on medicinal plant usage.
2. **Plant Identification Techniques- (04 Hours)**
  - Morphological characteristics for plant identification.
  - Practical application of dichotomous keys and other identification tools.
3. **Chemical Constituents of Medicinal Plants- (04 Hours)**
  - Overview of bioactive compounds in medicinal plants.
  - Therapeutic properties and uses of key chemical constituents.
4. **Sustainable Harvesting and Cultivation- (04 Hours)**
  - Ethical considerations in harvesting medicinal plants.
  - Principles and practices of sustainable cultivation.
5. **Documentation and Record-Keeping- (04 Hours)**
  - Importance of accurate record-keeping in medicinal plant research.
  - Hands-on exercises in documenting identified plants.
6. **Field Excursions and Practical Application- (10 Hours)**
  - Field trips to observe and identify medicinal plants in their natural habitats.
  - Practical exercises in applying knowledge gained throughout the course.

**Note:** The specific content and depth of each topic may vary depending on the duration and level of the course. Practical exercises, case studies, and guest lectures from experts in the field may be incorporated to enhance the learning experience.



*M. Meade*  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



*[Signature]*  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharm  
Ghogaon, Tal. Karad, Dist. Satar

## Course Outcome:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon  
"Identification of Medicinal Plants"



### Course Outcomes: Identification of Medicinal Plant

- Understand the importance of medicinal plants in healthcare.
- Identify common medicinal plants and their uses.
- Demonstrate techniques for the collection, preservation, and identification of medicinal plants.
- Evaluate the potential pharmacological properties of medicinal plants.
- Develop skills for sustainable utilization and conservation of medicinal plants.
- Apply knowledge in the field of pharmacognosy and herbal medicine.



*M. Meade*

**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon




*Dr. Ramling G. Patrakar*

**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

### 3. Methodology of Research & Statistical Techniques:

Notice:

DTE Code : PH6394



Reg.No.MH/4775/Satara.F-4746(Satara) Est:22/6/1996  
SHREE SANTKRUPA SHIKSHAN SANSTHA'S  
**SHREE SANTKRUPA COLLEGE OF PHARMACY**  
Approved by AICTE, PCI New Delhi, DTE Mumbai & Affiliated to Shivaji University, Kolhapur

PRESIDENT  
SHRI. SHASHIKANT K. PATIL

SECRETARY  
MR. PRASUN JOHARI

Friday, June 29, 2018



**Notice**

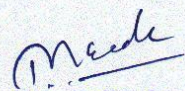
All the students of Final Year B. Pharm. And First Year M. Pharm. are hereby informed that the college has organised certificate program on Methodology of Research & Statistical Techniques to educate you about different Research Methodologies and the Statistical Techniques so all of you are hereby directed to register for it.

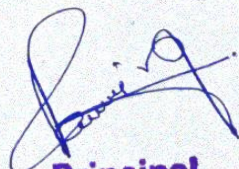
The details of the program are as below:

<b>Topic</b>	: Methodology of Research & Statistical Techniques
<b>Name of Trainer</b>	: Dr. J. S. Mulla, Mr. A. M. Kadam
<b>Name of Faculty Co-ordinator</b>	: Dr. J. S. Mulla, Mr. A. M. Kadam
<b>Duration</b>	: 07 <sup>th</sup> July, 2018 to 22 <sup>nd</sup> July, 2018

All are requested to register and take maximum benefit out of it. For registration all students are requested to contact Course Co-ordinator at earliest.

  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon

  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

Ghogaon, Tal.-Karad, Dist.Satara Pin : 415 111 (Maharashtra), Ph: 9216130750, 9216130774, Fax : 257404  
Website:www.sscop.org Email: principalsntk@rediffmail.com

## Syllabus:



Shree Santkrupa Shikshan Sanstha's  
Shree Santkrupa College of Pharmacy,  
Ghogaon



### Course: Methodology of Research and Statistical Techniques

#### Course Objectives:

Upon completion of the course, students shall be able to:

1. **Know the most important aspect of Research i.e. Research Methodology:**

- Understand the fundamental principles of research methodology.
- Identify and apply appropriate research methods for different types of studies.
- Demonstrate proficiency in designing research studies and formulating research questions.

2. **Understand the basic Statistical techniques for application in the Pharma field:**

- Gain knowledge of fundamental statistical concepts and techniques relevant to pharmaceutical research.
- Apply statistical methods to analyze and interpret data in the context of pharmaceutical studies.
- Develop skills in selecting and applying appropriate statistical tests for different types of data.

3. **Know the different software's available for Statistical techniques:**

- Identify and compare various statistical software tools commonly used in research.
- Evaluate the strengths and limitations of different statistical software for specific research applications.
- Choose the most suitable statistical software for different types of data analysis.

4. **Understand the operating process and working of Statistical software:**

- Acquire hands-on experience in using statistical software for data analysis.
- Demonstrate proficiency in navigating and utilizing key features of statistical software.
- Interpret and communicate results obtained through statistical software.



**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

**Syllabus Content:**

**Unit I: Basics of Different Statistical Techniques in Pharmaceutical Research (10 Hours)**

- Introduction to Descriptive and Inferential Statistics.
- Parametric and Non-parametric statistical tests.
- Application of statistical techniques in pharmaceutical data analysis.
- Case studies and practical examples.

**Unit II: Introduction to Different Software's implemented for Different Statistical Techniques (10 Hours)**

- Overview of popular statistical software tools (e.g., SPSS, SAS, R).
- Comparison of software features and capabilities.
- Practical considerations in choosing statistical software for specific research needs.
- Hands-on exercises using statistical software.

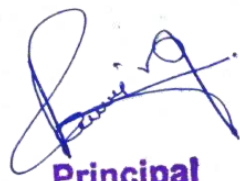
**Unit III: Structure and Working of the GraphPad Prism Software (10 Hours)**

- Introduction to GraphPad Prism and its applications in pharmaceutical research.
- Overview of the user interface and basic functionalities.
- Practical sessions on data entry, analysis, and interpretation using GraphPad Prism.
- Case studies demonstrating the application of GraphPad Prism in real-world scenarios.



  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara

## Course Outcome:



Shree Santkrupa Shikshan Sanstha's  
**Shree Santkrupa College of Pharmacy,  
Ghogaon**  
“Methodology of Research & Statistical  
Techniques”



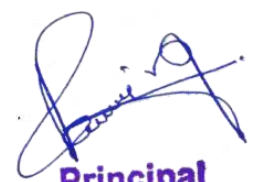
### Course Outcomes: Methodology of Research & Statistical Techniques

This course aims to equip students with the essential knowledge and skills needed to conduct research in pharmaceutical sciences. By the end of the course, students will be able to understand the fundamental principles of research methodology, design and conduct experiments, analyze and interpret data using statistical techniques, and effectively communicate their findings through scientific writing and presentations.



  
**IQAC Co-ordinator**  
Shree Santkrupa College of Pharmacy, Ghogaon



  
**Principal**  
Dr. Ramling G. Patrakar  
Shree Santkrupa College of Pharmacy  
Ghogaon, Tal. Karad, Dist. Satara